BRUHATH BENGALURU MAHANAGARA PALIKE

EMB

FIRST AND FINAL BILL

NAME OF WORK: CONSTRUCTION OF ADDITIONAL FLOOR TO KENCHENAHALLI SAMUDHAYA BHAVANA IN WARD NO-01, BBMP, BANGALORE.

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 05.03.2024.

1st and Final

1	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge. Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 10 m3) Cost of Haulage Excluding Loading and Unloading Case-1 : Surfaced Road Taking output 10 t load and lead 10 km = 100 t.km (KPWD SR 2023-24, Volume-II, Item No.19.2.1, Page No.187) (KPWD SR 2023-24, Volume-III, Item No.1.1 b, Page No.5) (KPWD SR 2023-24, Volume-III, Item No.1.4 a, Page No.5)						
	Exposed Columns	**Cum**					
			10	0.23	0.45	0.75	0.78
						Total :-	**0.78**
						Qty Executed upto 125% :-	**0.78**

Asstistant Engineer
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(BBMP Ynk. Zn)
Yelahanka, Bangalore

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BBMP-Bangalore

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet 18/03/2024.

1st and Final

2	Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24, V-I, Item No.2.5.2 Page No.16)						
	M25 for Column Concrete	**Cum**					
	Column Above Roof						
	C1		10	0.23	0.45	3.00	3.11
						Total :-	**3.11**
						Qty Executed upto 125% :-	**3.11**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 29/04/2024

1st and Final

3 Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24, V-I, Item No.2.5.2 Page No.16)

	M25 for Beam Concrete	**Cum**					
	Overall Lintel						
			2	16.16	0.23	0.20	1.49
			3	5.73	0.23	0.20	0.79
	Roof Beam						
			2	16.16	0.23	0.45	3.35
			5	5.73	0.23	0.45	2.97
	For Stage						
			1	5.60	2.50	0.30	4.20
						Total :-	**12.79**
						Schedule B Qty :-	8.14
						Qty Executed upto 125% :-	**10.18**
						Qty Executed Above 125% :-	**2.61**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 29/04/2024.

1st and Final

4 Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24, V-I, Item No.2.5.2 Page No.16)

	M25 for Roof Slab	**Cum**					
	Roof Slab						
			1	16.2	6.1	0.15	14.82
	Deduction for Stair Case		-1	3.40	2.20	0.15	-1.12
	Stair Case						
	Wasit Slab-1		1	3.30	1.00	0.15	0.50
	Wasit Slab-2		1	2.60	1.00	0.15	0.39
	Landing		1	2.30	1.00	0.15	0.35
	Steps		19	1.10	0.075		1.57
						Total :-	**16.50**
						Qty Executed upto 125% :-	**16.50**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Pre-Measurement Sheet

Item No.	5	14/03/24, 24/04/24,
Item Name:	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. (KPWD SR 2023-24, V-I, Item No.2.11(a), Page No.18)	

Sl no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Remarks
For Columns										
1	16	10		8	4.10	328.0	Distribution	1.58	518.2	
2	10	10	100mm/CC	41	1.45	594.5	Ring Bar	0.62	368.6	
For Lintel										
Long Span										
1	12	2		6	16.16	193.9	Distribution	0.89	172.6	
2	8	2	100mm/CC	162	0.90	290.9	Ring Bar	0.39	113.4	
Shorter Span										
1	12	3		6	5.73	103.1	Distribution	0.89	91.8	
2	8	3	100mm/CC	57	0.90	154.7	Ring Bar	0.39	60.3	
For Beams										
Long Span										
1	16	2		8	20.00	320.0	Distribution	1.58	505.6	
2	8	2	100mm/CC	200	1.40	560.0	Ring Bar	0.39	218.4	
Shorter Span										
1	16	5		8	5.80	232.0	Distribution	1.58	366.6	
2	8	5	100mm/CC	58	1.40	406.0	Ring Bar	0.39	158.3	
For Staircase										
Waist Slab										
1	10	2	125mm/CC	10	3.30	63.4	Distribution	0.62	39.3	
2	12	2	100mm/CC	33	1.20	79.2	Main Bar	0.89	70.5	
1	10	2	125mm/CC	29	2.60	149.8	Distribution	0.39	58.4	
2	12	2	100mm/CC	26	3.60	187.2	Main Bar	0.62	116.1	
Landing										
1	10	2	125mm/CC	10	2.40	48.0	Distribution	0.62	29.8	
2	12	2	100mm/CC	24	1.25	60.0	Main Bar	0.89	53.4	
For Roofsalb										
1	10	2	100mm/CC	62	16.40	2033.6	Distribution	0.62	1260.8	
2	12	2	125mm/CC	131	6.20	1626.9	Main Bar	0.89	1447.9	
For Roofsalb Deduction										
1	10	-2	100mm/CC	22	3.40	-149.6	Distribution	0.62	-92.8	
2	12	-2	125mm/CC	27	2.20	-119.7	Main Bar	0.89	-106.5	
								Total Quantity of Steel in Kg's	**5450.78**	**kgs**
								Qty Payable in this bill	**5450.78**	**Kgs**
								Total Quantity of Steel in Tonne	**5.45**	**Tonne**
								Qty Payable in this bill	**5.45**	**Tonne**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 19/04/2024

1st and Final

6 Providing Brick work with common burnt clay modular bricks of class designation 3.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand) including cost of all materials, labour, scaffolding and usage charges of machinery & other incidental charges complete as per the direction of engineer incharge of work (KPWD SR 2023-24, V-II, Item No.6.4, Page No.13)

		Cum					
	FF Outter Wall		2	16.00	0.23	3.00	22.08
			3	5.7	0.23	3.00	11.86
	Ground For Staircase Side Wall		1	5.7	0.23	3.00	3.93
			1	2.4	0.23	3.00	1.66
	Deductions						
	Door		-1	1.80	0.23	2.10	-0.87
	Windows, W		-7	1.90	0.23	1.20	-3.67
	Windows, W1		-1	2.30	0.23	1.15	-0.61
	Windows, W2		-1	2.05	0.23	1.15	-0.54
	Windows, W3		-1	1.25	0.23	1.00	-0.29
	Ventilator		-2	0.60		0.60	-0.72
						Total :-	**32.83**
						Qty Executed upto 125% :-	**32.83**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 20/05/2024.

1st and Final

7	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.3.1, Page No.41)						
		Sqm					
	FF Outside						
			2	16.2		3.45	111.99
			2	6.0		3.45	41.12
	Ground For Staircase Side Wall		1	5.7		3.45	19.67
			1	2.4		3.45	8.28
	Deductions						
	Windows, W		-6	1.90		1.20	-13.68
	Windows, W1		-1	2.30		1.15	-2.65
	Windows, W2		-1	2.05		1.15	-2.36
	Windows, W3		-1	1.25		1.00	-1.25
	Ventilator		-2	0.60		0.60	-0.72
						Total :-	**160.40**
						Qty Executed upto 125% :-	**160.40**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 10/06/2024.

1st and Final

8	Providing 15 mm cement plaster with cement mortar 1:3 (1 cement:3 coarse sand) finished with a floating coat of neat cement on the rough side of single or half brick wall including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.7, Page No.42)						
		Sqm					
	Inside						
			2	16.00		3.30	105.60
			4	5.70		3.30	75.24
	Ground For Staircase Side Wall		1	5.7		3.30	18.81
			1	2.4		3.30	7.92
	Deductions						
	Door		-1	1.80		2.10	-3.78
	Windows, W		-6	1.90		1.20	-13.68
	Windows, W1		-1	2.30		1.15	-2.65
	Windows, W2		-1	2.05		1.15	-2.36
	Windows, W3		-1	1.25		1.00	-1.25
	Ventilator		-2	0.60		0.60	-0.72
						Total :-	**183.14**
						Qty Executed upto 125% :-	**183.14**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 10/06/2024.

1st and Final

9	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement:6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.1.2, Page No.41)						
		Sqm					
	For Ceiling		1	13.50	5.70		76.95
			1	2.50	2.00		5.00
						Total :-	**81.95**
						Qty Executed upto 125% :-	**81.95**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 03/07/2024

1st and Final

10	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.. (KPWD SR 2023-24, V-II, Item No.8.51, Page No.50)						
		Sqm					
	Ground Floor Outside						
			2	16.00		3.30	105.60
			2	5.70		3.30	37.62
	Deductions						
	Windows, W		-4	1.90		1.20	-9.12
	Gate		-1	2.25		2.10	-4.73
	Ground Floor Inside						
			2	16.00		3.60	115.20
			4	5.70		3.60	82.08
	Deductions						
	Windows, W		-4	1.90		1.20	-9.12
	Gate		-1	2.25		2.10	-4.73
	FF Outside						
			2	16.2		3.45	111.99
			2	6.0		3.45	41.12
	Ground For Staircase Side Wall		1	5.7		3.45	19.67
			1	2.4		3.45	8.28
	Deductions						
	Windows, W		-6	1.90		1.20	-13.68
	Windows, W1		-1	2.30		1.15	-2.65
	Windows, W2		-1	2.05		1.15	-2.36
	Windows, W3		-1	1.25		1.00	-1.25
	Ventilator		-2	0.60		0.60	-0.72
	Inside						
			2	16.00		3.30	105.60
			4	5.70		3.30	75.24
	Ground For Staircase Side Wall		1	5.7		3.30	18.81
			1	2.4		3.30	7.92
	Deductions						
	Door		-1	1.80		2.10	-3.78
	Windows, W		-6	1.90		1.20	-13.68
	Windows, W1		-1	2.30		1.15	-2.65
	Windows, W2		-1	2.05		1.15	-2.36
	Windows, W3		-1	1.25		1.00	-1.25
	Ventilator		-2	0.60		0.60	-0.72
	For Ceiling						
			1	13.50	5.70		76.95

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			1	2.50	2.00		5.00
						Total :-	**738.30**
						Schedule B Qty :-	453.08
						Qty Executed upto 125% :-	**566.35**
						Qty Executed Above 125% :-	**171.95**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 05/07/2024.

1st and Final

11 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.27, Page No.45)

	Sqm					
Outside						
		2	16.00		3.30	105.60
		2	5.70		3.30	37.62
Deductions						
Windows, W		-4	1.90		1.20	-9.12
Gate		-1	2.25		2.10	-4.73
Ground Floor Inside						
		2	16.00		3.60	115.20
		4	5.70		3.60	82.08
Deductions						
Windows, W		-4	1.90		1.20	-9.12
Gate		-1	2.25		2.10	-4.73
Ground Floor Ceiling						
		1	13.50	5.70		76.95
FF Outside						
		2	16.2		3.45	111.99
		2	6.0		3.45	41.12
Ground For Staircase Side Wall		1	5.7		3.45	19.67
		1	2.4		3.45	8.28
Deductions						
Windows, W		-6	1.90		1.20	-13.68
Windows, W1		-1	2.30		1.15	-2.65
Windows, W2		-1	2.05		1.15	-2.36
Windows, W3		-1	1.25		1.00	-1.25
Ventilator		-2	0.60		0.60	-0.72
					Total :-	**550.16**
					Schedule B Qty :-	208.66
					Qty Executed upto 125% :-	**260.83**
					Qty Executed Above 125% :-	**289.34**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 06/07/2024.

1st and Final

12	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 L/10 m²) over and including priming coat of exterior primer applied @ 2.20kg/10 m² to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.29, Page No.45)						
		Sqm					
	Ground Floor Outside						
			2	16.00		3.30	105.60
			2	5.70		3.30	37.62
	Deductions						
	Windows, W		-4	1.90		1.20	-9.12
	Gate		-1	2.25		2.10	-4.73
	FF Outside						
			2	16.2		3.45	111.99
			2	6.0		3.45	41.12
	Ground For Staircase Side Wall		1	5.7		3.45	19.67
			1	2.4		3.45	8.28
	Deductions						
	Windows, W		-6	1.90		1.20	-13.68
	Windows, W1		-1	2.30		1.15	-2.65
	Windows, W2		-1	2.05		1.15	-2.36
	Windows, W3		-1	1.25		1.00	-1.25
	Ventilator		-2	0.60		0.60	-0.72
						Total :-	**289.78**
						Schedule B Qty :-	208.66
						Qty Executed upto 125% :-	**260.83**
						Qty Executed Above 125% :-	**28.95**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 08/07/2024

1st and Final

13 Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats applied on walls @ 1.25 L/10 m² over and including one coat of Special primer applied @ 0.75 L/10 m² with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (The gloss should be 50% @ 60 degree angle with 10 years life) (KPWD SR 2023-24, V-II, Item No.8.33.1, Page No.46)

	Sqm					
Ground Floor Inside						
		2	16.00		3.30	105.60
		4	5.70		3.30	75.24
Deductions						
Windows, W		-4	1.90		1.20	-9.12
Gate		-1	2.25		2.10	-4.73
Ground Floor Ceiling						
		1	13.50	5.70		76.95
Inside						
		2	16.00		3.30	105.60
		4	5.70		3.30	75.24
Ground For Staircase Side Wall		1	5.7		3.30	18.81
		1	2.4		3.30	7.92
Deductions						
Door		-1	1.80		2.10	-3.78
Windows, W		-6	1.90		1.20	-13.68
Windows, W1		-1	2.30		1.15	-2.65
Windows, W2		-1	2.05		1.15	-2.36
Windows, W3		-1	1.25		1.00	-1.25
Ventilator		-2	0.60		0.60	-0.72
For Ceiling						
		1	13.50	5.70		76.95
		1	2.50	2.00		5.00
					Total :-	**509.03**
					Schedule B Qty :-	244.42
					Qty Executed upto 125% :-	**305.53**
					Qty Executed Above 125% :-	**203.51**

Asst. Executive Engineer
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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 21/06/2024

1st and Final

14	Providing and laying Cement concrete pavement with 1:2:4 for commercial & residential building floors, hardpaths, footpaths using 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size, including finishing complete as per Engineer incharge. (KPWD SR 2023-24, V-II, Item No.9.4, Page No.59)						
		Sqm					
	For Flooring						
			1	13.50	5.70	0.15	11.54
			1	2.50	2.00	0.15	0.75
	Parapet Wall Copping		2	14.10	0.23	0.10	0.65
			1	6.00	0.23	0.10	0.14
			1	3.00	0.23	0.10	0.07
						Total :-	**13.15**
						Schedule B Qty :-	9.08
						Qty Executed upto 125% :-	**11.35**
						Qty Executed Above 125% :-	**1.80**

Asstistant Engineer
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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 26/06/2024

1st and Final

15	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications. (KPWD SR 2023-24, V-II, Item No.9.30, Page No.64)						
		Sqm					
	For Flooring						
			1	13.50	5.70		76.95
	For Skirting						
			2	19.20		0.10	3.84
	GF For Stair Case						
	Riser		19	1.00		0.13	2.47
	Thread		19	1.00	0.30		5.70
	Landing		1	2.20	0.90		1.98
	Enterance Steps						
	Riser		3	2.20		0.13	0.86
	Thread		3	2.20	0.30		1.98
	Staircase Under		1	5.80	2.20		12.76
						Total :-	**106.54**
						Schedule B Qty :-	106.13
						Qty Executed upto 125% :-	**106.54**

Executive Engineer
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B.B.M.P. Bangalore-64

Asst. Executive Engineer
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Yelahanka, Bangalore

Asstistant Engineer
BBMP-Bangalore

Asst. Executive Engineer
BBMP-Bangalore

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 28.06.2024.

1st and Final

16	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc. (KPWD SR 2023-24, V-II, Item No.11.34(B), Page No.86)						
		Kgs					
	Windows, W		7	1.90		1.20	15.96
	Windows, W1		1	2.30		1.15	2.65
	Windows, W2		1	2.05		1.15	2.36
	Ventilator		2	0.60		0.60	0.72
							21.68
						45Kgs per Sqm	975.71
						Total :-	**975.71**
						Schedule B Qty :-	216.00
						Qty Executed upto 125% :-	**270.00**
						Qty Executed Above 125% :-	**705.71**

Executive Engineer
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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 12.07.2024.

1st and Final

17	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (KPWD SR 2023-24, V-II, Item No.12.90, Page No.110)							
		Sqm						
	Windows, W		7	1.90		1.20	15.96	
	Windows, W1		1	2.30		1.15	2.65	
	Windows, W2		1	2.05		1.15	2.36	
	Ventilator		2	0.60		0.60	0.72	
						Total :-	**21.68**	
						Schedule B Qty :-	4.80	
						Qty Executed upto 125% :-	**6.00**	
						Qty Executed Above 125% :-	**15.68**	

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 29/06/24

1st and Final

18	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications. (KPWD SR 2023-24, V-II, Item No.12.11, Page No.99)						
		Cum					
			1	7.80	0.15	0.10	0.12
						Total :-	**0.12**
						Schedule B Qty :-	0.07
						Qty Executed upto 125% :-	**0.09**
						Qty Executed Above 125% :-	**0.03**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 12/07/24

1st and Final

19	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) (KPWD SR 2023-24, V-II, Item No.12.15, Page No.100)						
		Sqm					
			1	1.80		2.10	3.78
						Total :-	**3.78**
						Qty Executed upto 125% :-	**3.78**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 12/07/2024

1st and Final

20	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90L/10 m² over an under coat of primer applied @0.75 L/10 m² of approved brand and manufacture to give an even shade including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, sand papering and knotting , cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.33.2, Page No.46)						
		Sqm					
			2	1.80		2.10	7.56
						Total :-	**7.56**
						Qty Executed upto 125% :-	**7.56**

Ramaranjeevali

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 15/07/24

1st and Final

21	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90L/10 m² over an under coat of primer applied @ 0.80 L/10 m² of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.33.3, Page No.47)						
		Sqm					
	Gate		2	2.20		2.10	9.24
						Total :-	**9.24**
						Qty Executed upto 125% :-	**9.24**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 23/07/24

1st and Final

22 Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. (KPWD SR 2023-24, V-II, Item No.11.28, Page No.85)

		Kgs					
	Ground Floor Stair Case						
	Wasit Slab-1		1	3.50		0.90	3.15
	Wasit Slab-2		1	2.60		0.90	2.34
	First Floor Stair Case						
	Wasit Slab-1		1	3.50		0.90	3.15
	Wasit Slab-2		1	2.60		0.90	2.34
							10.98
					12Kgs per Sqm		131.76
					Total :-		**131.76**
					Schedule B Qty :-		84.00
					Qty Executed upto 125% :-		**105.00**
					Qty Executed Above 125% :-		**26.76**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 05/07/24

1st and Final

23	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU wate proofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6 kg/m2 to achieve final DFT (Dry Film Thickness) of 1mm including prime coat of epoxy primer @150 g/m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification.. (KPWD SR 2023-24, V-II, Item No.15.1, Page No.148)						
		Sqm					
	Terrace Slab						
			1	14.10	5.70		80.37
			1	5.70	1.85		10.55
						Total :-	**90.92**
						Schedule B Qty :-	100.96
						Qty Executed upto 125% :-	**90.92**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 16/05/24

1st and Final

24 Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24, V-I, Item No.2.5.2 Page No.16)

		Cum					
	Column Above Roof						
	Column		10	0.23	0.45	0.90	0.93
						Total :-	**0.93**
						Qty Executed upto 125% :-	**0.93**

Ramanjeeval

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 30/05/24.

1st and Final

26	Providing and laying in position Cement Concrete for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (KPWD SR 2023-24 V-I Item						
		Cum					
	Roof Slab						
			1	5.70	1.90	0.15	1.62
						Total :-	**1.62**
						Qty Executed upto 125% :-	**1.62**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Pre-Measurement Sheet

Item No.	27	24/05/24
Item Name:	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. (KPWD SR 2023-24, V-I, Item No.2.11(a), Page No.18)	

Sl no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Remarks
For Roofsalb										
1	10	2	125mm/CC	15	5.70	173.3	Distribution	0.62	107.4	
2	12	2	100mm/CC	57	1.90	216.6	Main Bar	0.89	192.8	
								Total Quantity of Steel in Kg's	**300.21**	**kgs**
								Qty Payable in this bill	**300.21**	**Kgs**
								Total Quantity of Steel in Tonne	**0.30**	**Tonne**
								Qty Payable in this bill	**0.30**	**Tonne**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 12/06/24

1st and Final

28 Providing Brick work with common burnt clay modular bricks of class designation 3.5 in foundation and plinth in Cement mortar 1:6 (1 cement : 6 coarse sand) including cost of all materials, labour, scaffolding and usage charges of machinery & other incidental charges complete as per the direction of engineer incharge of work (KPWD SR 2023-24, V-II, Item No.6.4, Page No.13)

		Cum					
	Dressing Room Wall		2	3.05	0.23	3.00	4.21
	Toilet Room Wall		3	1.85	0.23	3.00	3.83
	Parapet Wall		2	14.10	0.23	1.05	6.81
			1	5.73	0.23	1.05	1.38
			1	3.00	0.23	1.05	0.72
	Head Room		2	3.30	0.23	3.00	4.55
			2	2.10	0.23	3.00	2.90
	Deductions						
	Door D2		-1	1.50	0.15	2.10	-0.47
	Door D3		-2	0.75	0.15	2.10	-0.47
	Head Room D		-1	1.20	0.20	2.10	-0.50
						Total :-	**22.96**
						Schedule B Qty :-	24.99
						Qty Executed upto 125% :-	**22.96**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 17/06/24

1st and Final

29	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.3.1, Page No.41)						
		Sqm					
	Outside						
	Dressing Room Wall		2	3.05		3.30	20.13
	Toilet Room Wall		2	1.85		3.30	12.21
	Parapet Wall		4	14.10		1.05	59.22
			2	5.96		1.05	12.52
			2	3.00		1.05	6.30
	Head Room		2	3.30		3.00	19.80
			2	2.10		3.00	12.60
	Deductions						
	Door D2		-1	1.50		2.10	-3.15
	Door D3		-2	0.75		2.10	-3.15
	Head Room D		-1	1.20		2.10	-2.52
	V1		-2	0.90		0.60	-1.08
						Total :-	**132.88**
						Qty Executed upto 125% :-	**132.88**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 17/06/24

1st and Final

30	Providing 15 mm cement plaster with cement mortar 1:3 (1 cement:3 coarse sand) finished with a floating coat of neat cement on the rough side of single or half brick wall including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.7, Page No.42)						
		Sqm					
	Inside						
	Dressing Room Wall		2	3.05		3.00	18.30
	Toilet Room Wall		6	1.85		3.00	33.30
	Head Room		2	3.30		3.00	19.80
			2	2.10		3.00	12.60
	Deductions						
	Door D2		-1	1.50		2.10	-3.15
	Door D3		-2	0.75		2.10	-3.15
	Head Room D		-1	1.20		2.10	-2.52
	V1		-2	0.90		0.60	-1.08
						Total :-	**74.10**
						Qty Executed upto 125% :-	**74.10**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 17/06/24

1st and Final

31	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement:6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.1.2, Page No.41)						
		Sqm					
	For Ceiling						
			1	3.05	1.85		5.64
			2	1.25	1.85		4.63
						Total :-	**10.27**
						Qty Executed upto 125% :-	**10.27**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 03/07/24

1st and Final

32 Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.. (KPWD SR 2023-24, V-II, Item No.8.51, Page No.50)

	Sqm					
Outside						
Dressing Room Wall		2	3.05		3.30	20.13
Toilet Room Wall		2	1.85		3.30	12.21
Parapet Wall		4	14.10		1.05	59.22
		2	5.96		1.05	12.52
		2	3.00		1.05	6.30
Head Room		2	3.30		3.00	19.80
		2	2.10		3.00	12.60
Deductions						
Door D2		-1	1.50		2.10	-3.15
Door D3		-2	0.75		2.10	-3.15
Head Room D		-1	1.20		2.10	-2.52
V1		-2	0.90		0.60	-1.08
Inside						
Dressing Room Wall		2	3.05		3.00	18.30
Toilet Room Wall		6	1.85		3.00	33.30
Head Room		2	3.30		3.00	19.80
		2	2.10		3.00	12.60
Deductions						
Door D2		-1	1.50		2.10	-3.15
Door D3		-2	0.75		2.10	-3.15
Head Room D		-1	1.20		2.10	-2.52
V1		-2	0.90		0.60	-1.08
For Ceiling						
		1	3.05	1.85		5.64
		2	1.25	1.85		4.63
					Total :-	**217.24**
					Qty Executed upto 125% :-	**217.24**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 05/07/24

1st and Final

33 Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.27, Page No.45)

		Sqm				
	Outside					
	Dressing Room Wall		2	3.05	3.30	20.13
	Toilet Room Wall		2	1.85	3.30	12.21
	Parapet Wall		4	14.10	1.05	59.22
			2	5.96	1.05	12.52
			2	3.00	1.05	6.30
	Head Room		2	3.30	3.00	19.80
			2	2.10	3.00	12.60
	Deductions					
	Door D2		-1	1.50	2.10	-3.15
	Door D3		-2	0.75	2.10	-3.15
	Head Room D		-1	1.20	2.10	-2.52
	V1		-2	0.90	0.60	-1.08
					Total :-	**132.88**
					Qty Executed upto 125% :-	**132.88**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 06/07/24

1st and Final

34 Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 L/10 m²) over and including priming coat of exterior primer applied @ 2.20kg/10 m² to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.29, Page No.45)

		Sqm					
	Outside						
	Dressing Room Wall		2	3.05		3.30	20.13
	Toilet Room Wall		2	1.85		3.30	12.21
	Parapet Wall		4	14.10		1.05	59.22
			2	5.96		1.05	12.52
			2	3.00		1.05	6.30
	Head Room		2	3.30		3.00	19.80
			2	2.10		3.00	12.60
	Deductions						
	Door D2		-1	1.50		2.10	-3.15
	Door D3		-2	0.75		2.10	-3.15
	Head Room D		-1	1.20		2.10	-2.52
	V1		-2	0.90		0.60	-1.08
						Total :-	**132.88**
						Qty Executed upto 125% :-	**132.88**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet -08/07/24

1st and Final

35 Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats applied on walls @ 1.25 L/10 m² over and including one coat of Special primer applied @ 0.75 L/10 m² with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (The gloss should be 50% @ 60 degree angle with 10 years life) (KPWD SR 2023-24, V-II, Item No.8.33.1, Page No.46)

		Sqm					
	Inside						
	Dressing Room Wall		2	3.05		3.00	18.30
	Toilet Room Wall		6	1.85		3.00	33.30
	Head Room		2	3.30		3.00	19.80
			2	2.10		3.00	12.60
	Deductions						
	Door D2		-1	1.50		2.10	-3.15
	Door D3		-2	0.75		2.10	-3.15
	Head Room D		-1	1.20		2.10	-2.52
	V1		-2	0.90		0.60	-1.08
	For Ceiling						
			1	3.05	1.85		5.64
			2	1.25	1.85		4.63
						Total :-	**84.37**
						Qty Executed upto 125% :-	**84.37**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 24/06/24

1st and Final

36	Providing and laying Cement concrete pavement with 1:2:4 for commercial & residential building floors, hardpaths, footpaths using 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size, including finishing complete as per Engineer incharge. (KPWD SR 2023-24, V-II, Item No.9.4, Page No.59)						
		Sqm					
	For Flooring						
			1	3.05	1.85	0.10	0.56
						Total :-	**0.56**
						Qty Executed upto 125% :-	**0.56**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 28/06/24

1st and Final

37	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications. (KPWD SR 2023-24, V-II, Item No.9.30, Page No.64)						
		Sqm					
	For Flooring						
	Dressing Room		1	3.05	1.85		5.64
	For Cladding						
			2	3.00		2.10	12.60
			2	1.85		2.10	7.77
	Door		-1	1.50		2.10	-3.15
	For Stage		1	5.6	2.5		14.00
	Cladding		1	5.60		0.30	1.68
			2	2.50		0.30	1.50
	FF For Sf Stair Case						
	Riser		19	1.00		0.13	2.47
	Thread		19	1.00	0.30		5.70
	Landing		1	2.20	0.90		1.98
						Total :-	**50.19**
						Qty Executed upto 125% :-	**50.19**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 29/06/24

1st and Final

38	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc. (KPWD SR 2023-24, V-II, Item No.11.34(B), Page No.86)							
		Kgs						
	V1		2	0.90		0.60	1.08	
	Stair Case Windows, W3		1	1.25		1.00	1.25	
							2.33	
					45 Kgs per Sqm		104.85	
	Head Room D		1	1.50		2.10	3.15	
							3.15	
					52.6 Kgs per Sqm		165.69	
						Total :-	**270.54**	
						Qty Executed upto 125% :-	**270.54**	

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 12/07/24

1st and Final

39	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (KPWD SR 2023-24, V-II, Item No.12.90, Page No.110)						
		Sqm					
	V1		2	0.90		0.60	1.08
	Stair Case Windows, W3		1	1.25		1.00	1.25
						Total :-	**2.33**
						Qty Executed upto 125% :-	**2.33**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 05/06/24.

1st and Final

40 Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications. (KPWD SR 2023-24, V-II, Item No.12.11, Page No.99)

	Door	**Cum**					
	Dressing Room		1	7.00	0.15	0.10	0.11
						Total :-	**0.11**
						Schedule B Qty :-	0.07
						Qty Executed upto 125% :-	**0.09**
						Qty Executed Above 125% :-	**0.02**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 12/07/24.

1st and Final

41	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) (KPWD SR 2023-24, V-II, Item No.12.15, Page No.100)						
	Door	**Sqm**					
	Dressing Room		1	1.50		2.10	3.15
						Total :-	**3.15**
						Qty Executed upto 125% :-	**3.15**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 20/07/24.

1st and Final

42	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90L/10 m^2 over an under coat of primer applied @0.75 L/10 m^2 of approved brand and manufacture to give an even shade including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, sand papering and knotting , cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.33.2, Page No.46)						
	Door	**Sqm**					
	Dressing Room		2	1.50		2.10	6.30
						Total :-	**6.30**
						Schedule B Qty :-	5.04
						Qty Executed upto 125% :-	**6.30**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 20/07/24

1st and Final

43	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90L/10 m^2 over an under coat of primer applied @ 0.80 L/10 m^2 of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2023-24, V-II, Item No.8.33.3, Page No.47)						
	Door	**Sqm**					
	Dressing Room		2	1.50		2.10	6.30
						Total :-	**6.30**
						Schedule B Qty :-	5.04
						Qty Executed upto 125% :-	**6.30**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 15/07/24

1st and Final

44	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. (KPWD SR 2023-24, Volume-II, Item No.13.34, Page No.122)						
		Ltr					
			1000				1000.00
						Total :-	**1000.00**
						Qty Executed upto 125% :-	**1000.00**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 07/06/24.

1st and Final

45	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 25 mm nominal dia Pipes (KPWD SR 2023-24, Volume-II, Item No 13.31.3 Page No 122)						
		mtr					
			1	10.00			10.00
			1	10.00			10.00
			1	10.00			10.00
			1	15.00			15.00
			1	7.00			7.00
			1	15.00			15.00
			1	12.00			12.00
			1	12.00			12.00
			1	9.00			9.00
						Total :-	**100.00**
						Qty Executed upto 125% :-	**100.00**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet 07/06/24.

1st and Final

46	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 32 mm nominal dia Pipes (KPWD SR 2023-24, Volume-II, Item No.13.31.4, Page No.122)						
		mtr					
			1	10.00			10.00
			1	10.00			10.00
			1	10.00			10.00
			1	15.00			15.00
			1	7.00			7.00
			1	15.00			15.00
			1	12.00			12.00
			1	12.00			12.00
			1	9.00			9.00
						Total :-	**100.00**
						Qty Executed upto 125% :-	**100.00**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 23/07/24

1st and Final

47	Providing and fixing Brass full way valve gate with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore (KPWD SR 2023-24, Volume-II, Item No.13.4.1, Page No.117)						
		Nos					
			2				2.00
						Total :-	**2.00**
						Qty Executed upto 125% :-	**2.00**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 23/07/24

1st and Final

48	Providing and fixing Brass full way valve gate with C.I. wheel of approved quality (screwed end) : 32 mm nominal bore (KPWD SR 2023-24, Volume-II, Item No.13.4.2, Page No.117)						
		Nos					2.00
			2				
						Total :-	**2.00**
						Qty Executed upto 125% :-	**2.00**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 23/07/24.

1st and Final

49	Providing and fixing gun metal non- return valve of approved quality (screwed end) : 32 mm nominal bore Vertical (KPWD SR 2023-24, Volume-II, Item No.13.6.2.2, Page No.118)						
		Nos					
			1				1.00
						Total :-	**1.00**
						Qty Executed upto 125% :-	**1.00**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 20/07/24.

1st and Final

50 Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 100 mm diameter (KPWD SR 2023-24, Volume-II, Item No.13.48, Page No.125)

		m					
			2	10.00			20.00
			1	16.00			16.00
			1	10.00			10.00
			1	14.00			14.00
			1	9.00			9.00
			1	6.00			6.00
						Total :-	**75.00**
						Qty Executed upto 125% :-	**75.00**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Pre-Measurement Sheet -23|04|24, 24|05|24, 03|06|24,

1st and Final 07|06|24 ; 11|06|24, 23|07|24, 24|07|24.

51	Supplying heavy gauge PVC conduit pipe …… dia confirming to IS 2509 with suitable size benda, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. (ELE SR 2023-24 Page-2, Item-1.1.2)						
	b) 25mm dia 2mm thick Concealed Conduit System	**m**					
			1	10.00			10.00
			1	8.00			8.00
			1	10.00			10.00
			1	15.00			15.00
			3	3.00			9.00
			1	7.00			7.00
			1	15.00			15.00
			1	11.00			11.00
			1	2.00			2.00
			1	6.00			6.00
			1	7.00			7.00
						Total :-	**100.00**
						Qty Executed upto 125% :-	**100.00**
52	Supplying …… mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary. (ELE SR 2023-24 Page-2, Item-1.2.2)						
	b) 25mm dia 2mm thick	**m**					
			1	10.00			10.00
			1	8.00			8.00
			1	10.00			10.00
			1	15.00			15.00
			3	3.00			9.00
			1	7.00			7.00
			1	15.00			15.00
			1	11.00			11.00
			1	2.00			2.00
			1	6.00			6.00
			1	7.00			7.00
						Total :-	**100.00**
						Qty Executed upto 125% :-	**100.00**

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53	Groove cutting in the wall supplying…..dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary. (ELE SR 2023-24 Page-2, Item-1.3.2)						
	b) 25mm dia 2mm thick	**m**					
			1	20.00			20.00
			1	8.00			8.00
			1	10.00			10.00
			1	15.00			15.00
			4	3.00			12.00
			1	7.00			7.00
			1	15.00			15.00
			1	6.00			6.00
			1	7.00			7.00
						Total :-	**100.00**
						Qty Executed upto 125% :-	**100.00**
54	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc.(ELE SR 2023-24 Page-1, Item-1.4)						
	c) 135x75x65mm	**each**	30				30.00
						Total :-	**30.00**
						Qty Executed upto 125% :-	**30.00**
55	**d)180x90x65mm**		30				30.00
						Total :-	**30.00**
						Qty Executed upto 125% :-	**30.00**
56	**e)200x90x65mm**		30				30.00
						Total :-	**30.00**
						Qty Executed upto 125% :-	**30.00**
57	Supplying and fixing PVC/metal conduit accessories.(3/5) b)25mm junction box (ELE SR 2023-24 Page-3, Item-1.5)						
		each	20				20.00
						Total :-	**20.00**
						Qty Executed upto 125% :-	**20.00**
58	c) 32mm deep junction box						
			20				20.00
						Total :-	**20.00**
						Qty Executed upto 125% :-	**20.00**

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59	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work cpmplete. a)12"x"12"x3" (330x300x76mm) (ELE SR 2023-24 Page-3, Item-1.6)						
		m	20				20.00
						Total :-	**20.00**
						Qty Executed upto 125% :-	**20.00**
60	b)12"x9"x3" (300x228x76)						
		m	20				20.00
						Total :-	**20.00**
						Qty Executed upto 125% :-	**20.00**
61	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0sqmm (Earthwire) FRLS multistrand copper PVC insulated multi strand copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. compelete for each outlet. Short point upto 3Mtr from tapping point to out let via switch (ELE SR 2023-24 Page-5, Item-2.1.1)						
		Point					
			10				10.00
						Total :-	**10.00**
						Qty Executed upto 125% :-	**10.00**
62	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0sqmm (Earthwire) FRLS multistrand copper PVC insulated multi strand copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. compelete for each outlet. b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch (Each point) (ELE SR 2023-24 Page-5,						
		Point					
			10				10.00
						Total :-	**10.00**
						Qty Executed upto 125% :-	**10.00**
63	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0sqmm (Earthwire) FRLS multistrand copper PVC insulated multi strand copper wire copper PVC insulated multi strand 2x1.5Sqmm copper wire (confirming to IS-694:and latest amendments) without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. a) Short point up to 3Mtr from tapping point to out let via switch box (ELE SR 2023-24 Page-5,						
		Point					
			10				10.00
						Total :-	**10.00**
						Qty Executed upto 125% :-	**10.00**

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64	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0sqmm (Earthwire) FRLS multistrand copper PVC insulated multi strand copper wire copper PVC insulated multi strand 2x1.5Sqmm copper wire (confirming to IS-694:and latest amendments) without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box (ELE SR 2023-24 Page-5, Item-2.2.2)						
		Point					
			10				10.00
						Total :-	**10.00**
						Qty Executed upto 125% :-	**10.00**
65	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. e) 6Moudule (ELE SR 2023-24 Page-8, Item-3.5.4)						
		Each					
			35				35.00
						Total :-	**35.00**
						Qty Executed upto 125% :-	**35.00**
66	Supplying and fixing of modular switch & connected accessories on existing modular switch plate. (ELE SR 2023-24 Page-9, Item-3.6)						
		Each					
	a) 6Amps one way.		25				25.00
						Total :-	**25.00**
						Qty Executed upto 125% :-	**25.00**
		Each					
67	Stepped Fan Regulator Two Module						
		Each					
			8				8.00
						Total :-	**8.00**
						Qty Executed upto 125% :-	**8.00**
68	16A One Way Switch						
		Each					
			4				4.00
						Total :-	**4.00**
						Qty Executed upto 125% :-	**4.00**
69	32A DP Switch						
		Each					
			2				2.00
						Total :-	**2.00**
						Qty Executed upto 125% :-	**2.00**
70	6/16A Universal Socket						

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		Each					
			10				10.00
						Total :-	10.00
						Qty Executed upto 125% :-	10.00

71 Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to operate on 230 Volts, 50Hz AC supply &completely wired on existing box (ELE SR 2023-24 Page-9, Item-3.7)

	Each					
		5				5.00
					Total :-	5.00
					Qty Executed upto 125% :-	5.00

72 Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. a. 1 sqmm. (ELE SR 2023-24 Page-9, Item-3.7)

	m					
1Sqmm						
		1	10.00			10.00
		1	9.00			9.00
		1	10.00			10.00
		1	15.00			15.00
		3	3.00			9.00
		1	9.00			9.00
		2	15.00			30.00
		2	11.00			22.00
		1	13.00			13.00
		1	8.00			8.00
		1	15.00			15.00
					Total :-	150.00
					Qty Executed upto 125% :-	150.00

73 Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. a. 1 sqmm. (ELE SR 2023-24 Page-9, Item-3.7)

	m					
1.5Sqmm						
		1	10.00			10.00
		1	9.00			9.00
		1	10.00			10.00
		1	15.00			15.00
		3	3.00			9.00
		1	9.00			9.00
		2	15.00			30.00
		2	11.00			22.00

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Yelahanka, Bangalore

			1	13.00			13.00
			1	8.00			8.00
			1	15.00			15.00
						Total :-	**150.00**
						Qty Executed upto 125% :-	**150.00**
74	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. a. 1 sqmm. (ELE SR 2023-24 Page-9, Item-3.7)						
		m					
	6Sqmm						
			1	16.00			16.00
			1	15.00			15.00
			2	6.00			12.00
			1	12.00			12.00
			1	8.00			8.00
			1	12.00			12.00
						Total :-	**75.00**
						Qty Executed upto 125% :-	**75.00**
75	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. a. 1 sqmm. (ELE SR 2023-24 Page-9, Item-3.7)						
		m					
	10Sqmm						
			1	3.00			3.00
			1	8.00			8.00
			1	17.00			17.00
			1	12.00			12.00
						Total :-	**40.00**
						Qty Executed upto 125% :-	**40.00**
76	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. a. 1 sqmm. (ELE SR 2023-24 Page-9, Item-3.7)						
		m					
	16Sqmm						
			1	15.00			15.00
			2	10.00			20.00
			1	9.00			9.00
			1	12.00			12.00
			1	4.00			4.00
						Total :-	**60.00**
						Qty Executed upto 125% :-	**60.00**

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77	Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials like bends, screws at an interval of 300mm .... Etc as required. a) 20mm (ELE SR 2023-24 Page-3, Item-1.8.1)						
		m					
			1	10.00			10.00
			1	9.00			9.00
			1	10.00			10.00
			1	15.00			15.00
			3	3.00			9.00
			1	8.00			8.00
			1	15.00			15.00
			2	12.00			24.00
						Total :-	**100.00**
						Qty Executed upto 125% :-	**100.00**
78	Supplying PVC/GI flexible conduit pip 20mm dia fixing on surface over inverted wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pipe terminated completely. 20mm (ELE SR 2023-24 Page-3, Item-1.9.1)						
		m					
			1	10.00			10.00
			1	9.00			9.00
			1	10.00			10.00
			1	15.00			15.00
			3	3.00			9.00
			1	8.00			8.00
			1	15.00			15.00
			2	12.00			24.00
						Total :-	**100.00**
						Qty Executed upto 125% :-	**100.00**
79	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws. b) 110mm (ELE SR 2023-24 Page-9, Item-3.10.2)						
		Nos					
			15				15.00
						Total :-	**15.00**
						Qty Executed upto 125% :-	**15.00**
80	Supplying a 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slap. (ELE SR 2023-24 Page-9, Item-3.11)						
		Nos					
			20				20.00
						Total :-	**20.00**
						Qty Executed upto 125% :-	**20.00**

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81	Supplying of 1 x 4' feet -PVC Batten with integrated LED tube - 20/22 W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V@ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition (ELE SR 2023-24 Page-43, Item-11.3.2)						
		Nos					
			30				30.00
						Total :-	**30.00**
						Qty Executed upto 125% :-	**30.00**
82	Supply of round/square recess/surface mounted rolling type LED Down light with ..... W GU 10 LED Lamp Rib Fabricated from diecast aluminium with white powder coated prewired to mains connector & has swivelling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @50/60Hz & Power factor >0.9 along with CE approved. 2years Warranty against any manufacturing defect working under standard electrical condition LED square or round down light 10-12W (ELE SR 2023-24 Page-44, Item-11.5.2)						
		Nos					
			20				20.00
						Total :-	**20.00**
						Qty Executed upto 125% :-	**20.00**
83	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/79 and also comply with IS: 1709/1984 with latest amendment, Rated voltage 220 V/50 Hz, Rated power input 48 W +/- 10 %, Rated current As per IS:374/79, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value 4.2 CMM / W, Three Blades of blade leaf 1.05 mm thick Aluminium Alloy sheet, Class B motor insulation, Bearing Two ball bearings, Top 6202, Bottom 6201, as per IS specification, Motor winding. Temp rise Shall not exceed 75 deg C over and ambient of 40 0C by resistance method at 245 V, Insulation resistance Shall not be less than Two Mega Ohms (2M Ohms), Leakage current Should not exceed 210 Micro Amp, Power input, W& current, Air Delivery & Fan Speed as per IS:374/1979 with latest amendment, 2 year manufacturer Warranty. 48" Sweep 5 Star (1200 mm) (ELE SR 2023-24 Page-30, Item-6.4.1)						
		Each					
			10				10.00
						Total :-	**10.00**
						Qty Executed upto 125% :-	**10.00**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 31/05/24

1st and Final

Eirl-1 Providing & fixing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete as per design drawings (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required as per the direction of Engineer in charge.0.63 mm thick with zinc coating not less than 275 g/ m² Pwd Sr 2023-24 Vol-03 Page No 21 Item No 7.1.1)

	Head Room	**Sqm**					
	Roof Area		1	3.2	2.20		7.04
		Total Qty Payable in This Bill :-					**7.04**

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 01/07/24.

1st and Final

Eirl-2	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 500x500 mm (P.No. 61, I.No. 9.17.1 of PWP & IWTD SR 2023-24)						
	Tiles Flooring	**Sqm**					
	Toilet Room Wall		2	1.85	1.20		4.44
		Total Qty Payable in This Bill :-					**4.44**

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BBMP-Bangalore

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet – 01/07/24

1st and Final

Eirl-3	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per m2, including pointing in white cement mixed with pigment of matching shade complete.(P.No. 71, I.No. 10.14 of PWP & IWTD SR 2023-24)						
	Tiles Cladding	**Sqm**					
	Toilet Room Wall		4	1.85		2.10	15.54
			2	1.20		2.10	5.04
		Total Qty Payable in This Bill :-					**20.58**

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Yelahanka, Bangalore

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet - 28/06/24

1st and Final

Eirl-4	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid(P.No. 123, I.No. 14.3.1 of PWP & IWTD SR 2021-22)						
		Each	2				2.00
		Total Qty Payable in This Bill :-					**2.00**

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Yelahanka, Bangalore

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BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA DIVISION , YELAHANKA ZONE

Name of the work : Construction of Additional floor to Kenchenahalli Samudhaya Bhavana in Ward No-01.

Measurement Sheet -19/03/24

1st and Final

Eirl-5	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: using White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer. (P.No. 83, I.No. 12.26 of PWP & IWTD SR 2018-19)						
		Each	2				2.00
		Total Qty Payable in This Bill :-					**2.00**

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Yelahanka, Bangalore
02/08/2024

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